

**AMENDMENT TO THE CLAIMS**

1-9. (Canceled)

10. (Currently Amended) An antibody ~~directed against the~~ that binds to human tocopherol associated protein p38 of claim 9 (TAP-38) (SEQ ID NO:2).

11-38. (Canceled)

39. (New) The antibody of claim 10, wherein the antibody binds to tocopherol associated protein p46.

40. (New) The antibody of claim 39, wherein the antibody binds to the carboxy-terminal 16 amino acids of TAP-38, (SEQ ID NO: 8).

41. (New) The antibody of claim 10, wherein the antibody is a polyclonal antibody.

42. (New) The antibody of claim 10, wherein the antibody is a rabbit antibody.

43. (New) The antibody of claim 10, wherein the antibody is a monoclonal antibody.

44. (New) The antibody of claim 10, wherein the antibody binds to denatured TAP-38.

45. (New) The antibody of claim 10, wherein the antibody binds to TAP-881.

46. (New) The antibody of claim 10, wherein the antibody binds to TAP-681.

47. (New) The antibody of claim 10, wherein the antibody binds to TAP-456.

48. (New) The antibody of claims 10, wherein the antibody binds to the 30 unique amino acids of TAP-38.